

CUSTOMER REFERENCE
GRANIT SAFE T.

Sample description as provided by customer

Slip Resistance Homogeneous Vinyl Flooring Total Thickness 2.0 mm Surface Treatment "Safe.T.Clean" Total Weight/m² 2950g

TEST METHOD AS/ISO 9239.1 2003 Reaction To Fire Tests For Floorings Part 1 Determination of the Burning Behaviour Using a Radiant Heat Source. As required by specification C1.10 of the Building Code of Australia.

The test values relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **Jul 2014**

Test Date **01 Aug 2014**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **VINYL ADHESIVE** as Recommended by m/s Tarkett adhesive.

Substrate: Non-Combustible

Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.

The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux **10.9 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **11.2 kW/m²**
Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	10.9	10.8	10.7	10.8
Smoke Development Rate (%.min)	27	30	50	36

The values quoted below are as required by Specification C1.10 Fire Hazard Properties (Floors) of the Building Code of Australia. The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

MEAN CRITICAL RADIANT FLUX 10.8 kW/m²

MEAN SMOKE DEVELOPMENT RATE 36 percent-minutes


OBSERVATIONS: **The samples shrunk away from the heat source, ignited and burnt a very short distance.**



M. B. Webb
Technical Manager

DATE: 1/8/2014

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Clause 9 of AS/ISO 9239 Part 1

The values on Page 2 have no relevance to the Code.

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TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

Specimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	195	196	/															
2	197	199	/															
3	254	256	268	/														

TESTS	BURNING CHARACTERISTICS		SMOKE PRODUCTION		
	Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)
Initial Test: Width		80	736	21	32
Specimen Tests: Length					
1		100	725	20	27
2		105	771	21	30
3		110	736	34	50
Mean		105	744	25	36



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**TECHNICAL
COMPETENCE**



M. B. Webb
Technical Manager

DATE: 01 Aug 2014

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The laboratory does not allow the use of this page of the report without the use of page 1.

This page alone has no validity under Clause 9 of AS/ISO 9239 Part 1

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